

Received August 6 1880.

Page No. 11

Supervisor's Dist. No. 31

Enumeration Dist. No. 101

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

(1.) Boot and Shoe Factories.

(5.) Lumber Mills and Saw Mills.

(8.) Coal Mines.

(2.) Cheese and Butter Factories.

(6.) Brick Yards and Tile Works.

(9.) Agricultural Implement Works.

(3.) Flouring and Grist Mills.

(7.) Paper Mills.

(10.) Quarries.

(4.) Salt Works.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Tust District, in the County of Honolulu, State of Hed, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: Elk RidgeA. C. Rodger

Enumerator.

| 1 Name of Corporation, Company, or individual producing to the value of \$500 annually. | 2 Name of Business, Manufac- ture, or Product. | 3 Capital (real and personal) invested in the business. | 4 Greatest number of hands employed at any one time during the year. | Average number of hands employed. | | | Wages and Hours of Labor. | | | | | Months in Oper- ation. | | | | 18 Value of Material (including Mill Sup- plies and Fuel. Omitting fractions of a dollar). | 19 Value of Product (including Jobbing and Rebuilding. Omitting fractions of a dollar). | Power used in Manufacture. | | | | | | | | | | | |
|--|--|---|--|--------------------------------------|---------------------------------|--------------------------|---------------------------|-----------------------|--|---|--|---------------------------|-----------------------|-----------------------|-----------------------|---|--|----------------------------|-----------------------------------|---|-------------|-------------------------|-------------------------------|--------------------|--------------------------|--------------------------|----------------------------|--|--|
| | | | | 5 Males above 16 years. | 6 Females above 15 years. | 7 Children and youth. | 8 May to November. | 9 November to May. | 10 Average day's wages for a skilled mechanic. | 11 Average day's wages for an or- dinary laborer. | 12 Total amount paid in wages during the year. | 13 On full time. | 14 On ¾ time only. | 15 On ½ time only. | 16 On ¼ time only. | | | 17 Idle. | If water power is used. | | | | | | | | If steam power is used. | | |
| | | | | | | | | | | | | | | | | | | | 20 On what River or Stream? | 21 Height of fall, in feet. Number. | 22 Kind. | 23 Breadth, in feet. | 24 Revolutions per minute. | 25 Horse-power. | 26 Number of Boilers. | 27 Number of Engines. | 28 Horse power. | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Great Falls Iron Co. | Rolling mill | 20,000 | 15 | | | | | 175 | 10,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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REMARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches \$500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMN 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

COLUMN 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

COLUMNS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and 2 months idle.

COLUMNS 18 and 19.—These inquiries are of prime importance. Great care and judgment should be exercised in making the returns relative thereto, especially in the case of small shops where book-accounts are not kept.

[18.]—The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[19.]—The value of the product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods, or doing work, for the neighborhood only, the value of the product means the price charged at the shop.

COLUMN 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

COLUMNS 27 and 28.—Only serviceable boilers and engines are to be reported.

COLUMNS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Page No. X

Supervisor's Dist. No. 2

Enumeration Dist. No. 102

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

(1.) Boot and Shoe Factories.

(2.) Cheese and Butter Factories.

(3.) Flouring and Grist Mills.

(4.) Salt Works.

(5.) Lumber Mills and Saw Mills.

(6.) Brick Yards and Tile Works.

(7.) Paper Mills.

(8.) Coal Mines.

(9.) Agricultural Implement Works.

(10.) Quarries.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in 2nd District, in the County of Howard, State of Maryland, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: Olicott City

Chas. O. Isaac

Enumerator.

| 1 Name of Corporation, Company, or Individual producing to the value of \$500 annually. | 2 Name of Business, Manufacture, or Product. | 3 Capital (real and personal) invested in the business. | 4 Greatest number of hands employed at any one time during the year. | 5 Average number of hands employed. | | | 6 Wages and Hours of Labor. | | | | | 7 Months in Operation. | | | | | 18 Value of Material (including Mill Supplies and Fuel. Omitting fractions of a dollar). | 19 Value of Product (including Topping and Repairing. Omitting fractions of a dollar). | 8 Power used in Manufacture. | | | | | | | | | |
|--|---|--|---|--|------------------------------|--------------------------|--|-----------------------|---|--|---|---------------------------|-------------------------|-------------------------|-------------------------|------------------------------|---|---|---------------------------------|---------------|------------------------------|-------------------------|-------------------------------|--------------------------|--------------------------|--------------------|--------------------|----|
| | | | | 5 Males above 16 years. | 6 Females above 16 years. | 7 Children and youth. | 8 Number of Hours in the ordinary day of labor. | | 10 Average day's wages for a skilled mechanic. | 11 Average day's wages for an ordinary laborer. | 12 Total amount paid in wages during the year. | 9 Months in Operation. | | | | 9 If water power is used. | | | | | 9 If steam power is used. | | | | | | | |
| | | | | | | | 8 May to November. | 9 November to May. | | | | 13 On full time. | 14 On 1/2 time only. | 15 On 1/4 time only. | 16 On 1/8 time only. | 17 Idle. | | | 21 Height of fall, in feet. | 22 Number. | 10 Wheels. | | | 27 Number of Boilers. | 28 Number of Engines. | 29 Horse power. | | |
| | | | | | | | | | | | | | | | | | | | | | 23 Kind. | 24 Breadth, in feet. | 25 Revolutions per minute. | | | | 26 Horse-power. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 On what River or Stream? | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Ray Crofton | Blacksmithing | 350 | X | | | | 12 | 9 | | | | 12 | | | | | 300 | 1500 | ✓ | | | | | | | | | |
| Mulling Baskin | Blacksmithing | 125 | X | | | | 12 | 12 | | | | 12 | | | | | 250 | 1000 | ✓ | | | | | | | | | |
| Cargess John | Blacksmithing | 250 | X | | | | 12 | 10 | | | | 12 | | | | | 225 | 1000 | ✓ | | | | | | | | | |
| Kufnerod Robert | Machinist | 1800 | X | 2 | | | 10 | 10 | 2 | 12 | 600 | 12 | | | | | 350 | 1500 | ✓ | | | | | | | | 1180 | |
| Spaul Geo. W. | Blacksmithing | 1000 | 2 | 2 | | | 10 | 10 | 1 | | 500 | 12 | | | | | 1400 | 2000 | ✓ | | | | | | | | | |
| Mohrman Charles | Wheelwrighting | 1000 | X | X | | | 10 | 10 | | | | 12 | | | | | 1000 | 1600 | ✓ | | | | | | | | | |
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REMARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches \$500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMN 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

COLUMN 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

COLUMNS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and 2 months idle.

COLUMNS 18 and 19.—These inquiries are of prime importance. Great care and judgment should be exercised in making the returns relative thereto, especially in the case of small shops where book-accounts are not kept.

[18.]—The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[19.]—The value of the product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods, or doing work, for the neighborhood only, the value of the product means the price charged at the shop.

COLUMN 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

COLUMNS 27 and 28.—Only serviceable boilers and engines are to be reported.

COLUMNS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

(10.) Quarries.

Post Office.

Enumerator.

COLUMNS 26 and 29.—This is an *index of great importance*. The best information available should be used in filling these columns.

Enumeration Dist. No. 124

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

- (1.) Boot and Shoe Factories.
- (2.) Cheese and Butter Factories.
- (3.) Flouring and Grist Mills.
- (4.) Salt Works.

- (3.) Lumber Mills and Saw Mills.
(6.) Brick Yards and Tile Works.
(7.) Paper Mills.

- (8.) Coal Mines.
(9.) Agricultural Implement Works.
(10.) Quarries.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Fourth district, in the County of Howard, State of Maryland, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office:

Enumerator.

REMARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches \$500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMN 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

COLUMN 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

COLUMNS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and 2 months idle.

COLUMNS 18 and 19.—These inquiries are of prime importance. Great care and judgment should be exercised in making the returns relative thereto, especially in the case of small shops where book-accounts are not kept.

[18.]—The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[19.]—The value of the product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods, or doing work, for the neighborhood only, the value of the product means the price charged at the shop.

COLUMN 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

COLUMNS 27 and 28.—Only serviceable boilers and engines are to be reported.

COLUMNS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Received July 26, 1880. White

Page No. X
 Supervisor's Dist. No. 3
 Enumeration Dist. No. 105

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

- | | | |
|-----------------------------------|----------------------------------|------------------------------------|
| (1.) Boot and Shoe Factories. | (5.) Lumber Mills and Saw Mills. | (8.) Coal Mines. |
| (2.) Cheese and Butter Factories. | (6.) Brick Yards and Tile Works. | (9.) Agricultural Implement Works. |
| (3.) Flouring and Grist Mills. | (7.) Paper Mills. | (10.) Quarries. |
| (4.) Salt Works. | | |

SCHEDULE 3.—MANUFACTURES.—Products of Industry in and District, in the County of Howard, State of Maryland, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: Dayton

Chas. R. Harbaw

Enumerator.

| Name of Corporation, Company, or Individual producing to the value of \$500 annually. | Name of Business, Manufacture, or Product. | Capital (real and personal) invested in the business. | Greatest number of hands employed at any one time during the year. | Average number of hands employed. | | | Wages and Hours of Labor. | | | | | Months in Operation. | | | | | Value of Material (including Mill Supplies and Fuel, omitting fractions of a dollar). | Value of Product (including Jobbing and Repairing, omitting fractions of a dollar). | Power used in Manufacture. | | | | | | | | | |
|---|--|---|--|-----------------------------------|-------------------------|---------------------|---|------------------|---|--|---|----------------------|-------------------|-------------------|-------------------|--------------------------|---|---|----------------------------|--------------------------|---------|-------|-------------------------|-------------------------|--------------|--------------------|--------------------|--------------|
| | | | | Males above 15 years. | Females above 15 years. | Children and youth. | Number of Hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On what time. | | | | On what River or Stream? | | | If water power is used. | | | | If steam power is used. | | | | | |
| | | | | | | | May to November. | November to May. | | | | On full time. | On 1/2 time only. | On 1/4 time only. | On 1/8 time only. | | | | Idle. | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of Boilers. | Number of Engines. | Horse-power. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Dwyer William | Boot and Shoe Making | 50 | | | | | 10 | 10 | | | | | 12 | 12 | | | 100 | 600 | ✓ | | | | | | | | | |
| Cassidy James | Boot and Shoe Making | 250 | x | x | | | 12 | 12 | | | | | 12 | 12 | | | 50 | 500 | ✓ | | | | | | | | | |
| Malone Thomas | Blacksmithing | 250 | | | | | 12 | 12 | | | | | 12 | 12 | | | 75 | 700 | ✓ | | | | | | | | | |
| Kelly Charles | Wheelwrighting | 150 | x | x | | | 12 | 12 | | | | | 12 | 12 | | | 60 | 600 | ✓ | | | | | | | | | |
| Smith Andrew | Blacksmithing | 100 | 2 | 2 | | | 10 | 10 | 100 | 400 | 12 | | 12 | 12 | | | 100 | 1000 | ✓ | | | | | | | | | |
| Smith Andrew | Wheelwrighting | 100 | x | x | | | 10 | 10 | | | | | 12 | 12 | | | 50 | 500 | ✓ | | | | | | | | | |
| Disney Joshua | Wheelwrighting | 400 | x | x | | | 10 | 10 | | | | | 12 | 12 | | | 60 | 600 | ✓ | | | | | | | | | |
| Wimmerman Henry | Blacksmithing | 150 | 2 | 1 | | | 12 | 12 | 100 | 240 | 12 | | 12 | 12 | | | 100 | 1000 | ✓ | | | | | | | | | |
| Barnes James | Wheelwrighting | 300 | 2 | 1 | | | 10 | 10 | 100 | 200 | 12 | | 12 | 12 | | | 150 | 1500 | ✓ | | | | | | | | | |
| Hall John R. | Blacksmithing | 100 | 2 | 1 | | | 12 | 12 | 100 | 130 | 12 | | 12 | 12 | | | 50 | 500 | ✓ | | | | | | | | | |
| Flynn John | Blacksmithing | 150 | 2 | 1 | | | 10 | 10 | 100 | 50 | 12 | | 12 | 12 | | | 50 | 500 | ✓ | | | | | | | | | |
| Nelson Nora | Blacksmithing | 100 | 2 | 1 | | | 10 | 10 | 100 | 150 | 12 | | 12 | 12 | | | 100 | 800 | ✓ | | | | | | | | | |
| Malan Thomas | Wheelwrighting | 100 | x | x | | | 10 | 10 | | | | | 12 | 12 | | | 50 | 500 | ✓ | | | | | | | | | |
| Mosca Frank | Shoemaker | 150 | 1 | 1 | | | 12 | 12 | 100 | 150 | 12 | | 12 | 12 | | | 150 | 800 | ✓ | | | | | | | | | |
| Kelly William | Blacksmithing | 200 | 2 | 1 | | | 12 | 12 | 100 | 125 | 12 | | 12 | 12 | | | 100 | 1000 | ✓ | | | | | | | | | |
| Stony Samuel | Wheelwrighting | 400 | x | x | | | 10 | 10 | | | | | 12 | 12 | | | 60 | 600 | ✓ | | | | | | | | | |
| Baker William | Blacksmithing | 100 | x | x | | | 12 | 12 | | | | | 12 | 12 | | | 80 | 800 | ✓ | | | | | | | | | |
| Seas Columbus | Blacksmithing | 250 | 2 | 1 | | | 10 | 10 | 100 | 250 | 12 | | 12 | 12 | | | 100 | 1000 | ✓ | | | | | | | | | |
| Seas Columbus | Wheelwrighting | 300 | 1 | 1 | | | 10 | 10 | 100 | 300 | 12 | | 12 | 12 | | | 125 | 1200 | ✓ | | | | | | | | | |

MARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches \$500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

MARKS 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

MARKS 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

MARKS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and 2 months idle.

MARKS 18 and 19.—These inquiries are of prime importance. Great care and judgment should be exercised in making the returns relative thereto, especially in the case of small shops where book-accounts are not kept.

[18.]—The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[19.]—The value of the product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods, or doing work, for the neighborhood only, the value of the product means the price charged at the shop.

MARKS 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

MARKS 27 and 28.—Only serviceable boilers and engines are to be reported.

MARKS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Enumeration Dist. No. 104

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

- | | | |
|-----------------------------------|----------------------------------|------------------------------------|
| (1.) Boot and Shoe Factories. | (5.) Lumber Mills and Saw Mills. | (8.) Coal Mines. |
| (2.) Cheese and Butter Factories. | (6.) Brick Yards and Tile Works. | (9.) Agricultural Implement Works. |
| (3.) Flouring and Grist Mills. | (7.) Paper Mills. | (10.) Quarries. |
| (4.) Salt Works. | | |

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Sixth Election Dist., in the County of Howard, State of Maryland, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office:

F. W. Lawrence

Enumerator.

[illegible]

REMARKS.—The term "Productive Industry" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, coopering, carpentering, &c. The smallest shop should not be omitted, provided the production reaches \$500 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMN 2.—The kind of business or the character of product should be described as specifically as possible, thus: Sewing-Machines, Corsets, Furniture, Foundry, Machine Shop, Coopering, Blacksmithing, &c.

COLUMN 11.—In many establishments (as carpenter shops, blacksmith shops, &c.) it will be found that no ordinary laborers are employed. In this case column 11 will not be filled.

COLUMNS 13 to 17.—All the 12 months of the year should be accounted for in one or more of the columns 13 to 17, thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and 2 months idle.

COLUMNS 18 and 19.—These inquiries are of prime importance. Great care and judgment should be exercised in making the returns relative thereto,—especially in the case of small shops where book-accounts are not kept.

[18].—The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

[19].—The value of the product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods, or doing work, for the neighborhood only, the value of the product means the price charged at the shop.

COLUMN 20.—If the stream is a very small one, mention also the larger stream or river into which it flows.

COLUMNS 27 and 28.—Only serviceable boilers and engines are to be reported.

COLUMNS 26 and 29.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Supervisor's Dist. No. 3Enumeration Dist. No. 164

Special Schedules of Manufactures—Nos. 9 and 10.

Received August 31, 80.

SLAUGHTERING AND MEAT-PACKING—SALT WORKS.

Products of Industry in The Fourth District in the County of Howard, State of Maryland
 during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

M. D. Braxton

SLAUGHTERING AND MEAT-PACKING.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRO- DUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | | | | | | | |
|--|--|---|--------------------------------------|---------------------|--|------------------|--|---|---|-------------------------|-----------------------------|--------------------|-------|---|--|-------------------------------------|--|---|--------------------------------------|--------------------------------------|--|-------------------------------------|
| | | | Males above 16 years. | Children and youth. | Number of hours in the or- dinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Total number of hogs slaughtered. | Average gross weight of hogs in pounds. | Total value of hogs slaughtered. | Total number of sheep slaughtered. | Average gross weight of sheep in pounds. | Total value of sheep slaughtered. | Total number of hogs slaughtered. | Average gross weight of hogs in pounds. | Total value of hogs slaughtered. |
| | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Burton & Co. | \$100.00 | | | | | | | | \$12.00 | | | | | 35 | \$0.00 | \$875.00 | 40 | 90 | \$125.00 | | | |
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SLAUGHTERING AND MEAT-PACKING—Continued.

| MATERIALS—Continued. | | PRODUCTS. | | | | | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | | |
|-----------------------------------|---|-------------------------------|----------------------------|------------------------|---------------------------------|------------------------------|----------------------------|------------------------|---------------------------|-----------------|------------------------------|------------------------------|---|--------------------------|-------------------|-------|-------------------|-------------------------|--------------|--------------------|--------------------|-------------------------|--|--|
| Value of all animals slaughtered. | Value of all other materials used, including cooperage. | Total value of all materials. | Pounds of beef sold fresh. | Pounds of beef canned. | Pounds of beef salted or cured. | Pounds of mutton sold fresh. | Pounds of pork sold fresh. | Pounds of pork salted. | Pounds of bacon and hams. | Pounds of lard. | Value of all other products. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER IS USED. | | | | | | | IF STEAM-POWER IS USED. | | |
| | | | | | | | | | | | | | | | Number. | Kind. | WHEELS. | | | Number of boilers. | Number of engines. | Horse-power. | | |
| | | | | | | | | | | | | | | | | | Breadth, in feet. | Revolutions per minute. | Horse-power. | | | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | | |
| \$100.00 | | | 1400 | | | 200 | | | | | \$100.00 | \$1700.00 | | | | | | | | | | | | |
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SALT WORKS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | IF BY BOILING PROCESS. | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|---|------------------|---|--|---|----------------------|-----------------------------|--------------------|-------|------------------------|--------------------|--------------------------------|--------------------|--------------------------------|-----------------|--------------------------------|
| | | | Males above 15 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | MACHINES. | | | | | | |
| | | | | | | May to November. | November to May. | | | | | | | | Number of blocks. | Number of boilers. | Aggregate capacity in gallons. | Number of kettles. | Aggregate capacity in gallons. | Number of pans. | Aggregate capacity in gallons. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

SALT WORKS—Continued.

| IF BY BOILING PROCESS—Continued. | | | | | | IF BY SOLAR EVAPORATION. | | | PRODUCT. | | POWER USED IN MANUFACTURE. | | | | | | | | | | |
|----------------------------------|--------|-----------------------|--------|-------------------------------|-------------------------------|--------------------------|--------------------------------|-------------------------------|-------------------------|--------|--|--------------------------|---------|-------|-------------------|-------------------------|--------------|--------------------|-------------------------|--------------|--|
| MATERIALS. | | | | | | MACHINES. | | MATERIALS. | Number of bushels salt. | Value. | On what river or stream? (See note below. | IF WATER IS USED. | | | | | | | IF STEAM-POWER IS USED. | | |
| Number of tons coal. | Value. | Number of cords wood. | Value. | Value of all other materials. | Total value of all materials. | Number of vats. | Aggregate area in square feet. | Total value of all materials. | | | | Height of fall, in feet. | WHEELS. | | | | | Number of boilers. | Number of engines. | Horse-power. | |
| | | | | | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | |
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NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.
 The inquiries in respect to the value of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.
 The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.
 The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.
 POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.
 Only serviceable boilers and engines are to be reported.
 HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Supervisor's Dist. No. 3
Enumeration Dist. No. 104

[7-340.]

Received August 21, 80.

Special Schedule of Manufactures—No. 1.

AGRICULTURAL IMPLEMENTS.

Products of Industry in Sondayville, in the County of Howard, State of Maryland
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

M. S. Braspetti

AGRICULTURAL IMPLEMENTS.

| 1 | 2 | 3 | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | 4 | 5 | 6 | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | WHEELS. | | | | IF STEAM-POWER IS USED. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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AGRICULTURAL IMPLEMENTS—Continued.

| MATERIALS. | | | | PRODUCTS. | | | | | | | | | | | | | | | | | | | | | |
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| Value of lumber used in manufacturing. | Value of iron and steel used in manufacturing. | Value of all other materials. | Total value of all materials. | SEEDS AND PLANTERS. | | | | | | | IMPLEMENTS OF CULTIVATION. | | | | | | | HARVESTING IMPLEMENTS. | | | | | | | |
| | | | | Number of corn-planters. | Number of cotton-planters. | Number of fertilizer distributors. | Number of grain-drills. | Number of grain-sowers. | Number of seed-sowers. | Number of transplanters. | Number of disk-crushers. | Number of cotton-choppers. | Number of cultivators. | Number of harrows. | Number of dozers of hoes. | Number of plows. | Number of dozers of shovels. | Number of rollers. | Number of corn-shuckers. | Number of fruit-gatherers. | Number of grain-cradles. | Number of harvesters. | Number of dozer hand-mills. | Number of dozer hay-forks. | Number of hay-loaders. |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| 25.00 | 14.00 | | 125.00 | | | | | | | | | | | | | 72 | | 24 | | | | 5 | | | |
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AGRICULTURAL IMPLEMENTS—Continued.

| PRODUCTS—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------------------|------------------------|-------------------|---------------------------|------------------|--------------------------------------|--------------------|-------------------------|--------------------|----------------------------|--------------------------|---------------------------|--------------------------|-----------------------|----------------------|-----------------------|---------------------------------|--|----------------------------------|------------------------|-------------------------|--------------------------|----------------------------|--------------------------|-----------------------------|--|----|----|----|----|--|------------------------------|
| HARVESTING IMPLEMENTS—CONTINUED. | | | | | | | | | | | SEED SEPARATORS. | | | | | | MISCELLANEOUS. | | | | | | | | | | | | | | | |
| Number of hay-forkers. | Number of forage-rakes. | Number of lawn-movers. | Number of mowers. | Number of potato-diggers. | Number of rakes. | Number of rakes and mowers combined. | Number of scythes. | Number of scythe-maths. | Number of sickles. | Number of clover-bul-lers. | Number of corn-bul-lers. | Number of corn-shel-lers. | Number of fanning-mills. | Number of separators. | Number of threshers. | Number of cane-mills. | Number of cider and wine mills. | Number of feed steams-ers and bolters. | Number of hay and straw cutters. | Number of hay presses. | Number of horse-powers. | Number of stalk-pullers. | Number of stone-gatherers. | Number of stump-pullers. | Number of stump-extractors. | Specify number and kind of other products. | | | | | Value of all other products not specified. | Total value of all products. |
| 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 |
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Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.
The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.
The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.
The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.
POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.
Only serviceable boilers and engines are to be reported.
HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

SPECIAL SCHEDULE OF MANUFACTURES—No. 2.

Products of Industry in Frost District, in the County of Howard, State of Maryland
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

In der ersten

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | WAGES AND HOURS OF LABOR. | | | | | | | | | | | | | MONTHS IN OPERATION. | | | | ENGINES. | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------------|---|------------------|--|--|---|---|--|--|--|--|---|---------------|-----------------------------|--------------------|-------|--------------------|---------------------|--------------------|-----------------------------|------------------|---------------------|--------------------|-----------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | NUMBER OF HOURS IN THE ORDINARY DAY OF LABOR. | | SKILLED LABOR. | | | | | | | | TOTAL AMOUNT PAID IN WAGES DURING THE YEAR. | ON FULL TIME. | | | | THE ENGINES. | | | | | | | |
| | | | | | | May to November. | November to May. | Average day's wages for a superintendent or foreman. | Average day's wages for a machinist or repairer. | Average day's wages for a machinist tender. | Average day's wages for a rag engineer. | Average day's wages for foreman of loft. | Average day's wages for foreman of finishing department. | Average day's wages for other skilled labor. | Average day's wages for an ordinary laborer. | | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of engines. | Length of roll-bar. | Diameter of rolls. | Maximum capacity in pounds. | Number of looms. | Length of roll-bar. | Diameter of rolls. | Maximum capacity in pounds. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Durham Cloth Co. | \$50,000 | 25 | 25 | | | 11 | 11 | \$3.50 | \$2.50 | \$1.75 | \$1.30 | | \$1.25 | \$1.25 | \$1.00 | \$7,000.00 | 12 | | | | | 44 | 44 | 6000 | 24 | 44 | 40 | 2400 |

| ENGINES—Continued. | | | | | | | | PAPER MACHINES. | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | MATERIALS. | | | | |
|-----------------------------------|---------------------------|--------------------------|----|----|----|----|----|-------------------------------|-------------------|------------------------------|-------------------|---|--------------------------|---------|--------|-------------------|-------------------------|--------------|--------------------|--------------------|--------------|--------------|--------------------|-----------------------|------------------------|----|
| NAME AND NUMBER OF OTHER ENGINES. | | | | | | | | | | | | IF WATER-POWER IS USED. | | | | | IF STEAM-POWER IS USED. | | | | | | | | | |
| Number of Kingdane engines. | Number of Jordan engines. | Number of Gould engines. | | | | | | Number of Handdrill machines. | Width, in inches. | Number of cylinder machines. | Width, in inches. | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | Tons of rag. | Tons of old paper. | Tons of cotton waste. | Tons of manilla stock. | |
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
| | | | | | | | | | | 1 | 48 | Patapasco West River | 20 | 2 | Leffel | 2.3 | 400 | 100 | 2 | 2 | 125 | | | | | |

[illegible]

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

* Column 64 should only be used where the pulp is purchased, and not manufactured by the company or corporation.

Supervisor's Dist. No. 3Enumeration Dist. No. 102

Special Schedules of Manufactures—Nos. 5 and 6.

Received August 6, 80. *White*

LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in Genl District, in the County of Howard, State of Maryland
 during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Chas O Isaac Enumerator

LUMBER MILLS AND SAW-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | SAWS. | | | | | MATERIALS. | | | PROPER SAW-MILL PRODUCTS. | | | |
|---|--|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|--|-------------------------|-----------------------------|--------------------|-------|-------------------|-------------------------|--------------------------|------------------------|----------------------|----------------|-------------------------|---|---------------------------------------|---------------------------|------------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gauges. | Number of saws in gang. | Number of circular saws. | Number of milley saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs) | Number of thousand feet of lumber. | Number of thousand laths. | Number of thousand shingles. |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Clafold & Kuyper | 2350 | 4 | 4 | | | 12 | 10 | 212 | 100 | | | 4 | 8 | 1 | 3 | 3 | | | | 250 | 50 | 300 | 30 | | |
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LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. | | | | | REMANUFACTURES. | | | POWER USED IN MANUFACTURE. | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------------------------|--|---|------------------------------------|--|---|--|--|--|--|--|--|----|--------------------------|---------|-------|-------------------|-------------------------|--------------|--------------------|--------------------|--------------|--|
| Number of thousand shaves. | Number of thousand sets of headings. | Number of thousand feet of bobbin and spool stock. | Total value of all products heretofore named. | Total value of all other products. | Do you remanufacture any saws, doors, blinds, frames, etc., of your own material and chip-board, &c.? [Yes or No.] | If so, give total value of such manufactures. | Give average number of hands employed in such remanufacture. | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessels? [Yes or no.] | IF WATER IS USED. | | | | | | IF STEAM-POWER IS USED. | | | | | |
| | | | | | | | | | | | | On what river or stream? (See note below.) | | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | | |
| | | | 600 | | No | | | Howard Co | No | | | | | | | | | | | 1 | 30 | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | |
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BRICK YARDS AND TILE WORKS.

| SAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | |
|--|---|---|--------------------------------------|-------------------------|----------------------|---|------------------|--|---|---|----------------------|-----------------------------|--------------------|-------|-----------------------|------------------------------|-------------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youths. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of cords wood. | Value of all other material. | Total value of all materials. |
| | | | | | | May to November. | November to May. | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | | | | | | | | | | | | | | | | | |
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BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS. | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------|----------------------|------------------------------|------------------------------|---|--------------------------|-------------------------|-------|-------------------|-------------------------|--------------|-------------------------|--------------------|--------------|
| Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipe. | Value of all other products. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | IF STEAM-POWER IS USED. | | |
| | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| | | | | | | | | | | | | | | | | |
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Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.

The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.

The cost of superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.

The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.

POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.

Only serviceable boilers and engines are to be reported.

Horse-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Received August, 21.80

Supervisor's Dist. No. 3
Enumeration Dist. No. 103

Special Schedules of Manufactures—Nos. 5 and 6.

LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in Third Election District in the County of Howard, State of Maryland,
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.Harry C. Hobbs.

LUMBER MILLS AND SAW-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | SAWS. | | | | | MATERIALS. | | | PROPER SAW-MILL PRODUCTS. | | |
|---|--|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|--|-------------------------|-----------------------------|--------------------|-------|------------------|-------------------------|--------------------------|------------------------|----------------------|----------------|-------------------------|--|---------------------------------------|------------------------------|----|
| | | | Males above 18 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of milley saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs.) | Number of thousand feet of lumber. | Number of thousand shingles. | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Martin Rhodon | 2000 | 3 | 24 | | | 12 | 10 | 250 | 100 | 400 | 9 | 5 | | 4 | 7 | 1 | 1 | | 1900 | 700 | 2000 | 2000 | | | |
| Isaac Columbus H. | 3000 | 2 | 18 | | | 12 | 10 | 250 | 100 | 400 | 12 | | | | | 1 | 1 | | 1500 | 100 | 1100 | 1000 | | | |
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LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. | | | | | REMANUFACTURES. | | | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessel? [Yes or no.] | POWER USED IN MANUFACTURE. | | | | | | | | | | | |
|-------------------------------------|--------------------------------------|---|---|------------------------------------|---|---|--|--|--|--|---|--|--------------------------|---------|-------|--------------------|-------------------------|-------------------------|--------------------|--------------------|--------------|----|----|
| Number of thousand shingles. | Number of thousand feet of headings. | Number of thousand feet of babbins and spool stock. | Total value of all products heretofore named. | Total value of all other products. | Do you remanufacture any such, doors, babbins, frames, portion of your own cut into chip-board, &c.? [Yes or No.] | If so, give total value of such remanufactures. | Give average number of hands employed in such remanufacture. | | | | | IF WATER IS USED. | | | | | | IF STEAM-POWER IS USED. | | | | | |
| | | | | | | | | | | | | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Dressity, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | | |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | | | | | | | | | | | 39 | 40 |
| | | | 3000 | | No | | | Howard | Partly | 1/2 | No | | | | | | | | | | 1 | 1 | 30 |
| | | | 2000 | | No | | | Howard | No | | | | | | | | | | | | 1 | 1 | 8 |

BRICK YARDS AND TILE WORKS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|---|------------------|---|--|---|----------------------|-----------------------------|--------------------|-------|----------------------|------------------------------|-------------------------------|
| | | | Males above 18 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of cord wood. | Value of all other material. | Total value of all materials. |
| | | | | | | May to November. | November to May. | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS. | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------|-----------------------|------------------------------|------------------------------|---|--------------------------|---------|---------|----|----|-------------------------|-------------------------|--------------------|--------------------|
| Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipes. | Value of all other products. | Total value of all products. | IF WATER-POWER IS USED. | | | | | | | IF STEAM-POWER IS USED. | | |
| | | | | | | | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | WHEELS. | | | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. |
| Kind. | Breadth, in feet. | | | | | | | | | | | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
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Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Supervisor's Dist. No. 3
 Enumeration Dist. No. 104

Special Schedules of Manufactures—Nos. 5 and 6.

Received August 21, 1880.
Whitely

LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in Forest District, in the County of Howard, State of Maryland
 during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

M. B. Rapier

LUMBER MILLS AND SAW-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | SAWS. | | | | | MATERIALS. | | | PROPER SAW-MILL PRODUCTS. | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|---|------------------|---|--|---|----------------------|-----------------------------|--------------------|----------|------------------|-------------------------|--------------------------|-----------------------|----------------------|----------------|-------------------------|---|------------------------------------|------------------------------|----------------------------|--|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of muley saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs.) | Number of thousand feet of lumber. | Number of thousand shingles. | Number of thousand staves. | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| <i>James John W.</i> | <i>1000</i> | <i>1</i> | | | | <i>12</i> | <i>8</i> | | | | | <i>2</i> | <i>4</i> | <i>6</i> | <i>1</i> | | | | | | | | | | | |
| <i>Hipley & Beo.</i> | <i>8000</i> | <i>1</i> | <i>1</i> | | | <i>12</i> | <i>18</i> | <i>100</i> | | <i>800</i> | <i>3</i> | <i>4</i> | <i>6</i> | <i>8</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | <i>500</i> | <i>20</i> | <i>1500</i> | <i>60</i> | | | |
| <i>John James R.</i> | <i>7000</i> | <i>1</i> | <i>1</i> | | | <i>12</i> | <i>8</i> | <i>100</i> | | <i>150</i> | <i>3</i> | | <i>6</i> | <i>8</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | <i>400</i> | <i>12</i> | <i>400</i> | <i>60</i> | | | |
| <i>George Y.</i> | <i>5000</i> | <i>1</i> | | | | <i>12</i> | <i>8</i> | <i>100</i> | | <i>100</i> | <i>2</i> | | <i>8</i> | <i>6</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | | | <i>400</i> | <i>60</i> | | | |
| <i>Barry William T.</i> | <i>1000</i> | <i>2</i> | <i>1</i> | | | <i>12</i> | <i>8</i> | <i>100</i> | | <i>100</i> | <i>2</i> | | <i>8</i> | <i>6</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | <i>350</i> | <i>12</i> | <i>360</i> | <i>50</i> | | | |
| <i>James Edmunds</i> | <i>3000</i> | <i>1</i> | <i>1</i> | | | <i>12</i> | <i>8</i> | <i>100</i> | | <i>110</i> | <i>2</i> | <i>2</i> | <i>4</i> | <i>5</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | <i>300</i> | <i>10</i> | <i>310</i> | <i>45</i> | | | |
| <i>Mills George</i> | <i>4000</i> | <i>2</i> | <i>1</i> | | | <i>12</i> | <i>8</i> | <i>100</i> | | <i>100</i> | <i>2</i> | <i>2</i> | <i>4</i> | <i>5</i> | <i>X</i> | <i>X</i> | <i>1</i> | <i>1</i> | | <i>400</i> | <i>10</i> | <i>410</i> | <i>60</i> | | | |
| LUMBER MILLS AND SAW MILLS-Continued. | | | | | | | | | | | | | | | | | | | | | | | | | | |

LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. | | | | | REMANUFACTURES. | | | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessels? [Yes or no.] | POWER USED IN MANUFACTURE. | | | | | | | | | |
|-------------------------------------|------------------------------------|--|---|------------------------------------|--|---|--|--|--|--|--|--|--------------------------|-------------------|---------------|--------------------|-------------------------|-------------------------|--------------------|--------------------|--------------|
| Number of thousand staves. | Number of thousand sets of lumber. | Number of thousand feet of bobbin and spool stock. | Total value of all products heretofore named. | Total value of all other products. | Do you remanufacture any of the products made in this mill, such as shingles, clapboards, &c. [Yes or No.] | If so, give total value of such remanufactures. | Give average number of hands employed in such remanufacture. | | | | | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER IS USED. | | | | IF STEAM-POWER IS USED. | | | |
| | | | | | | | | | | | | | | Number. | Kind. | Breastth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 1 | | | 900 | ✓ | | | | | | | | Upper branch | 16 | ✓ | Pressshot | 3 | 14 | 12 | | | |
| 2 | | | 900 | ✓ | | | | | | | | Upper branch | 15 | ✓ | Pressshot | 4 | 14 | 12 | ✓ | | |
| 3 | | | | | | | | | | | | Lower branch | 16 | ✓ | Pressshot | 4 | 12 | 14 | ✓ | | |
| 4 | | | | | | | | | | | | Lower branch | 12 | ✓ | Pressshot | 10 | 9 | 12 | | | |
| 5 | | | 750 | ✓ | | | | | | | | Middle River | 14 | ✓ | Pressshot | 4 | 18 | 12 | ✓ | | |
| 6 | | | 675 | ✓ | | | | | | | | Lower branch | 16 | ✓ | Pressshot | 4 | 18 | 12 | ✓ | | |
| 7 | | | 900 | ✓ | | | | | | | | Lower branch | 16 | ✓ | Flutter wheel | 3 | 13 | 15 | ✓ | | |
| BRICK YARDS AND TILE WORKS. | | | | | | | | | | | | | | | | | | | | | |

BRICK YARDS AND TILE WORKS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | |
|--|---|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|---|----------------------|-----------------------------|--------------------|-------|-----------------------|------------------------------|-------------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of cords wood. | Value of all other material. | Total value of all materials. |
| | | | | | | May to November. | November to May. | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS. | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------|----------------------|------------------------------|------------------------------|---|--------------------------|-------------------------|---------|-------------------|-------------------------|--------------|-------------------------|--------------------|--------------|
| Number of thousand common brick. | Number of thousand fire brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipe. | Value of all other products. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | IF STEAM-POWER IS USED. | | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | Number. | WHEELS. | | | | Number of boilers. | Number of engines. | Horse-power. |
| | | | | | | | | | | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | | | |
| 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | | | | | | | |
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NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.
 The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.
 The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.
 The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.
 POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.
 Only serviceable boilers and engines are to be reported.
 HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Supervisor's Dist. No. 3

Enumeration Dist. No. 105

Special Schedules of Manufactures—Nos. 5 and 6.

LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in 5th District, in the County of Howard, State of Ind
 during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Chas R. Harlan

LUMBER MILLS AND SAW-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | SAWS. | | | | | MATERIALS. | | | PROPER SAW-MILL PRODUCTS. | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|---|------------------|---|--|---|----------------------|-----------------------------|--------------------|-------|------------------|-------------------------|--------------------------|------------------------|----------------------|----------------|-------------------------|---|------------------------------------|------------------------------|------------------------------|
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of miller saws. | Number of hand-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs). | Number of thousand feet of lumber. | Number of thousand shingles. | Number of thousand shingles. |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Schooley M. H. | 1200 | 21 | 21 | | | 10 | 10 | | 100 | \$1800 | | | | 12 | X | | 1 | 1 | | 250 | 50 | 300 | 90,000 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. | | | | | REMANUFACTURES. | | | POWER-USED IN MANUFACTURE. | | | | | | | | | | | | | | |
|-------------------------------------|---------------------------------------|---|--|---------------------------------------|--|--|--|---|---|---|---|---|--------------------------|-------------------|---------|----|----|----|-------------------------|----|----|--|
| Number of thousand shingles. | Number of thousand feet of lumber. | Number of thousand feet of bolthead and spoil stock. | Total value of all products heretofore named. | Total value of all other products. | Do you remanufacture any such, doors, sills, frames, portion of your own cut into chip-boards, &c. [Yes or No.] | If so, give total value of such manufactures. | Give average number of hands employed in such reman- ufacture. | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessels? [Yes or no.] | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER IS USED. | | | | | IF STEAM-POWER IS USED. | | | |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | |
| | | 900 | 900 | | | | | Maryland | No | | No | Patuxent | 8 | 1 | Turbine | | 40 | 14 | | | | |
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BRICK YARDS AND TILE WORKS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | |
|--|---|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|---|----------------------|-----------------------------|--------------------|-------|-----------------------|------------------------------|-------------------------------|
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of cords wood. | Value of all other material. | Total value of all materials. |
| | | | | | | May to November. | November to May. | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS. | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------|----------------------|------------------------------|------------------------------|---|--------------------------|-------------------------|-------|-------------------|-------------------------|--------------|-------------------------|--------------------|--------------|----|
| Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipe. | Value of all other products. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | IF STEAM-POWER IS USED. | | | |
| | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | | | | | | 28 |
| | | | | | | | | | | | | | | | | | |
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Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.
 The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.
 The cost of superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.
 The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.
 POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.
 Only serviceable boilers and engines are to be reported.
 Horse-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Received August 6, 1880

Supervisor's Dist. No. 3
Enumeration Dist. No. 109

Special Schedules of Manufactures—Nos. 5 and 6.

LUMBER MILLS AND SAW-MILLS—BRICK YARDS AND TILE WORKS.

Products of Industry in Sykes Election Dist, in the County of Howard, State of Maryland
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

J. W. Lawrence

LUMBER MILLS AND SAW-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | SAWS. | | | | MATERIALS. | | | PROPER SAW-MILL PRODUCTS. | | | |
|---|--|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|--|-------------------------|-----------------------------|--------------------|-------|------------------|-------------------------|--------------------------|----------------------|----------------------|----------------|-------------------------|--|---------------------------------------|------------------------------|------------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of gangs. | Number of saws in gang. | Number of circular saws. | Number of mill saws. | Number of band-saws. | Value of logs. | Value of mill supplies. | Total value of all materials (including value of logs.) | Number of thousand feet of lumber. | Number of thousand shingles. | Number of thousand shingles. |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Savage Co | 300 | 2 | | | | 10 | 10 | 15 | | | | 4 | | 8 | | | 1 | 1 | | 180 | 5 | 185 1100 | 31 1100 | | |
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LUMBER MILLS AND SAW-MILLS—Continued.

| PROPER SAW-MILL PRODUCTS—Continued. | | | | | REMANUFACTURES. | | | POWER USED IN MANUFACTURE. | | | | | | | | | | | | | |
|-------------------------------------|--------------------------------------|--|---|------------------------------------|---|---|--|--|--|--|--|--|--------------------------|---------|-------|-------------------|-------------------------|--------------|--------------------|--------------------|--------------|
| Number of thousand shingles. | Number of thousand sets of headings. | Number of thousand feet of bobbin and spool stock. | Total value of all products heretofore named. | Total value of all other products. | Do you remanufacture any portion of your own cut into such, doors, blinds, frames, clap-boards, &c.? [Yes or No.] | If so, give total value of such remanufactures. | Give average number of hands employed in such remanufacture. | From what region do you procure your logs? | Do you do your own logging? [Yes or no.] | If so, what proportion of your logs do you bring in? | Do you ship your product in your own vessels? [Yes or no.] | On what river or stream? (See note below.) | Height of fall, in feet. | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| | | | 540 | | | | | | | | | | | | | | | | 1 | 1 | 8 |
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BRICK YARDS AND TILE WORKS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | MATERIALS. | | |
|--|---|---|--------------------------------------|-------------------------|---------------------|---|------------------|--|---|---|----------------------|-----------------------------|--------------------|-------|-----------------------|------------------------------|-------------------------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Number of hours in the ordinary day of labor. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of cords wood. | Value of all other material. | Total value of all materials. |
| | | | | | | May to November. | November to May. | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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BRICK YARDS AND TILE WORKS—Continued.

| PRODUCTS. | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------|----------------------|------------------------------|------------------------------|---|--------------------------|-------------------------|-------|-------------------|-------------------------|--------------|-------------------------|--------------------|--------------|----|
| Number of thousand common brick. | Number of thousand fire-brick. | Number of thousand pressed brick. | Value of tile. | Value of drain-pipe. | Value of all other products. | Total value of all products. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | IF STEAM-POWER IS USED. | | | |
| | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | Number of boilers. | Number of engines. | Horse-power. | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | | | | | | 28 |
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NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Supervisor's Dist. No. 3
Enumeration Dist. No. 102

Special Schedules of Manufactures—Nos. 7 and 8.

Received August 6, 80.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in 2nd District, in the County of Howard, State of Maryland, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | | Do you do custom work or make only for a market? If the former, is custom grinding? | Is there an elevator connected with your establishment? If so, state capacity in bushels. | POWER USED IN MANUFACTURE. | | | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|--|---|--|---|---------------|-----------------------------|--------------------|-------|---------------------------|---|---|---|--|--------------------------|-------------------------|----------|-------------------|-------------------------|--------------|----|--|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR. | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of runs of stones. | Estimated maximum capacity per day, in bushels. | | | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | Number. | Kind. | WHEELS. | | | | |
| | | | | | | | | | | | | | | | | | | | | | | Breadth, in feet. | Revolutions per minute. | Horse-power. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| Wm. H. 18000 | 13000 | 21 | 21 | | | 10 | 10 | 100 | 200 | 8 | | | | 4 | 3 | 200 | 1/2 Custom | None | Wm. H. 18000 | 1 | Overshot | 3 1/2 | 5 | 20 | | |
| Bygas Sam H. | 1300 | 2 | 2 | | | 12 | 12 | | | | 3 | | | 9 | 1 | 24 | 1/2 Custom | None | Bygas Sam H. | 15 | Overshot | 3 | 4 | 12 | | |

FLOURING AND GRIST-MILLS—Continued.

| MATERIALS. | | | | | | | | | | PRODUCTS. | | | | | | | | | | | | | |
|--------------------|--------------------|--------------|-----------------------------|--------|-----------------------------------|--------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|--------------------------------------|----------------------------------|--------------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|--|--|--|--|--|--|
| Number of bushels. | Number of engines. | Horse-power. | Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Number of barrels of wheat flour. | Number of barrels of rye flour. | Number of pounds of buckwheat flour. | Number of pounds of barley meal. | Number of pounds of corn meal. | Number of pounds of feed. | Number of pounds of hominy. | Value of all other products. | Total value of all products. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | | | | | | |
| | | | | | 6230 | 3115 | 20 | 3135 | | | | | | | | | 3448 | | | | | | |
| | | | | | 5000 | 2500 | 120 | 5120 | | 500 | 6000 | | 60000 | 9000 | 12000 | 200 | 3760 | | | | | | |
| | | | | | 1500 | 900. | 500 | 1905. | | | | 250 | 50000 | 12000 | 2500 | 50 | 6000 | | | | | | |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

| GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE. | | | | | | | | | | | | | | | INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY. | | | | | | INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY. | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|-------------------------------------|---|---|--|----|--|---------------------------------------|--|--|---|----------------------------------|------------------|---|--|---------------------------------------|--|----------------------------------|---|--|
| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES. | | | | | Date when manufacturing season opened. | Date when manufacturing season ended. | Average number of cows furnishing milk during the year 1879. | Average cost of milk per 100 lbs., if bought at the factory. | Total number of pounds of milk used at the factory during the year. | Number of pounds of cheese made. | Kinds of cheese. | Average pounds of milk used per pound of cheese produced. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Number of pounds of butter made. | Average pounds of milk used per pound of butter produced. | Average price per pound at which butter was sold for the season. |
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Average day's wages for a dairyman. | Average day's wages for ordinary labor. | Total amount paid in wages during the year. | Total value of labor employed in the year. | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
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CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

| INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY. | | | | | | | | | | | | | | INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY. | | POWER USED IN MANUFACTURE. | | | | | | | | | | | |
|---|------------------------------------|--|----------------------------------|----------------------------------|---|---|--|--|--|--|--|--|--|--|-----------------------------------|---|--------------------------|-------------------------|-------|-------------------|-------------------------|--------------|----|-------------------------|--------------------|--------------|--|
| INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.—Cont'd. | | | Number of pounds of butter made. | Number of pounds of cheese made. | Average pounds of milk used per pound of cheese produced. | Average pounds of milk used per pound of butter produced. | Average price per pound at which butter was sold for the season. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making butter. | Price per 100 pounds paid for making cheese. | Cost of furnishing per 100 pounds of butter. | Cost of furnishing per 100 pounds of cheese. | Value of buttermilk and skimmed milk sold. | Number of pounds of condensed milk produced. | Value of condensed milk produced. | On what river or stream? (See note below.) | Height of fall, in feet. | IF WATER-POWER IS USED. | | | | | | IF STEAM-POWER IS USED. | | | |
| Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Value of buttermilk and skimmed milk sold. | | | | | | | | | | | | | | | | WHEELS. | | | | | | Number of boilers. | Number of engines. | Horse-power. | |
| | | | | | | | | | | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. | | | | | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | | |
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Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 29 have reference to those factories that manufacture both cheese and butter. COLUMNS 30 to 40 have reference to manufacturers of condensed milk.

Harry C. Hobbs.

FLOURING AND GRIST-MILLS—Continued.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

CHEESE FACTORIES. BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Notes.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.

POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported.

HOUSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated.
COLUMNS 16 to 21 have reference to manufacturers of cheese only.
COLUMNS 22 to 27 have reference to manufacturers of butter only.
COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter.
COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Products of Industry in Fifth Election Dist in the County of Howard, State of Maryland
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

F W Lawrence

FLOURING AND GRIST-MILLS—Continued.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.

POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.

Only serviceable boilers and engines are to be reported. The best information available should be used in filling these columns.

HORSE-POWER.—This is an inquiry of great importance.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated.
COLUMNS 16 to 21 have reference to manufacturers of cheese only.
COLUMNS 22 to 27 have reference to manufacturers of butter only.
COLUMNS 28 to 29 have reference to those factories that manufacture both cheese and butter.
COLUMNS 30 and 40 have reference to manufacturers of condensed milk.

Supervisor's Dist. No. 3
Enumeration Dist. No. 105

Special Schedules of Manufactures—Nos. 7 and 8.

Revised July 28, 1930

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in 5th District, in the County of Covington, State of Ind
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

Chas R Hartman

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | Estimated maximum capacity per day, in bushels. | Do you do custom work, or make only for a market? If the former, what proportion of your product is custom gristing? | Is there an elevator connected with the mill? If so, state capacity in bushels. | POWER USED IN MANUFACTURE. | | | | | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|--|------------------|---|--|---|----------------------|-----------------------------|--------------------|-------|---|--|---|----------------------------|--|--------------------------|---------|---------|-------------------|-------------------------|--------------|
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | | | | Number of runs of stone. | On what river or stream? (See note below.) | Height of fall, in feet. | WHEELS. | | | | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Schorley M. F. | 1400 | 2 | 2 | | | 10 | 18 | | 1100 | 200. 1500 | 5 | 4 | 3 | | 3 | 100 | on half | | Patuxent | 8 | | Turbine | 22 | 40 | 16 |
| Morris Francis | 5000 | 1 | 1 | | | 10 | 10 | 150 | | 450 500 | | | | | 3 | 240 | all | | Litt. Patuxent | 12 | 1 | do | 25 | 00 | 30 |

FLOURING AND GRIST-MILLS—Continued.

| POWER USED IN MANUFACTURE —Continued. | | | | MATERIALS. | | | | | | PRODUCTS. | | | | | | | | | |
|--|--------------------|--------------|--|-----------------------------|-----------------|-----------------------------------|-----------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|---------------------------------------|----------------------------------|--------------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|--|
| IF STEAM-POWER IS USED. | | | | Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Number of barrels of wheat flour. | Number of barrels of rye flour. | Number of pounds of buck-wheat flour. | Number of pounds of barley meal. | Number of pounds of corn meal. | Number of pounds of feed. | Number of pounds of hominy. | Value of all other products. | Total value of all products. | |
| Number of boilers. | Number of engines. | Horse-power. | | | | | | | | | | | | | | | | | |
| 27 | 28 | 29 | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | |
| | | | | 4000 2000 | \$4000. 2500 | 4000 2000 | \$2000. 3000 | 150 180 | \$6150. 5680. | 800 4000 | 10 | 50000 | | 90000. 324000 19000 | 50000 40600 | 400 | \$460 | \$9000. 7160. | |
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CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

| GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE. | | | | | | | | | | | | | | | INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY. | | | | | INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY. | | | |
|---|---|--|-----------------------------------|-------------------------|---------------------|-------------------------------------|---|---|--|--|---------------------------------------|--|---|---|--|-----------------|---|--|---------------------------------------|--|----------------------------------|---|--|
| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES. | | | | Date when manufacturing season opened. | Date when manufacturing season ended. | Average number of cows furnished with milk during the year 1879. | Average cost of milk per 100 lbs. if bought at the factory. | Total number of pounds of milk used at the factory during the year. | Number of pounds of cheese made. | Kind of cheese. | Average pounds of milk used per pound of cheese produced. | Average price per pound at which cheese was sold for the season. | Price per 100 pounds paid for making. | Cost of furnishing per 100 pounds. | Number of pounds of butter made. | Average pounds of milk used per pound of butter produced. | Average price per pound at which butter was sold for the season. |
| | | | Males above 16 years. | Females above 15 years. | Children and youth. | Average day's wages for a dairyman. | Average day's wages for ordinary labor. | Total amount paid in wages during the year. | Total value of labor employed in the year. | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

| INQUIRIES APPLICABLE TO BUTTER AND SKIM-CHEESE FACTORIES ONLY. | | | | | | | | | | | | | | | INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY. | | POWER USED IN MANUFACTURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--------------------------|--|--|---------|--|--|-------------------|--|--|-------------------------|--|--|-------------------------|--|--|--------------|--|--|----|--|--|----|--|--|----|--|--|----|--|--|
| INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY. | | | | | | | | | | | | | | | POWER USED IN MANUFACTURE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | IF WATER-POWER IS USED. | | | | | | | | | | IF STEAM-POWER IS USED. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | WHEREIN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | On what river or stream? (See note below.) | | | | | | | | | | Height of fall, in feet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Number. | | | Kind. | | | Breadth, in feet. | | | Revolutions per minute. | | | Horse-power. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 41 | | | 42 | | | 43 | | | 44 | | | 45 | | | 46 | | | 47 | | | 48 | | | 49 | | | 50 | | |
| Price per 100 pounds paid for making. | | | | | | | | | | | | | | | On what river or stream? (See note below.) | | | | | | | | | | Height of fall, in feet. | | | Number. | | | Kind. | | | Breadth, in feet. | | | Revolutions per minute. | | | Horse-power. | | | | | | | | | | | | | | |
| Cost of furnishing per 100 pounds. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Value of buttermilk and skimmed milk sold. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of pounds of butter made. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of pounds of cheese made. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average pounds of milk used per pound of butter produced. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average pounds of milk used per pound of cheese produced. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average price per pound at which butter was sold for the season. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average price per pound at which cheese was sold for the season. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Price per 100 pounds paid for making butter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Price per 100 pounds paid for making cheese. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost of furnishing per 100 pounds of butter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost of furnishing per 100 pounds of cheese. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Value of buttermilk and skimmed milk sold. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of pounds of condensed milk produced. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Value of condensed milk produced. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.
The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.
The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included.
The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop.
POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows.
Only serviceable boilers and engines are to be reported.
Horse-power.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated.
COLUMNS 16 to 21 have reference to manufacturers of cheese only.
COLUMNS 22 to 27 have reference to manufacturers of butter only.
COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter.
COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Enumeration Dist. No.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Fourth District, in the County of Howard, State of Maryland
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

| NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PROPRIETOR TO THE VALUE OF \$500 ANNUALLY. | CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS. | Greatest number of hands employed at any one time during the year. | AVERAGE NUMBER OF HANDS EMPLOYED. | | | WAGES AND HOURS OF LABOR. | | | | | MONTHS IN OPERATION. | | | | | Do you do custom work or make repairs on machinery? If the former, what is the amount of your product is custom grinding? | Is there an elevator connected with your establishment? If so, state capacity in bushels. | POWER USED IN MANUFACTURE. | | | | | | | |
|--|---|--|-----------------------------------|-------------------------|---------------------|--|------------------|---|--|---|----------------------|-----------------------------|--------------------|-------|--------------------------|---|---|---|--|--------------------------|----------|----------|-------------------|-------------------------|--------------|
| | | | Males above 16 years. | Females above 16 years. | Children and youth. | NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR. | | Average day's wages for a skilled mechanic. | Average day's wages for an ordinary laborer. | Total amount paid in wages during the year. | On full time. | On three-quarter time only. | On half time only. | Idle. | Number of runs of stone. | | | Estimated maximum capacity per day, in bushels. | IF WATER-POWER IS USED. | | | | | | |
| | | | | | | May to November. | November to May. | | | | | | | | | | | | On what river or stream? (See note below.) | Height of fall, in feet. | WHEREAS. | | | | |
| | | | | | | | | | | | | | | | | | | | | | Number. | Kind. | Breadth, in feet. | Revolutions per minute. | Horse-power. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| Lewis John W. | \$1000.00 | 1 | 1 | | | 12 | 12 | 100 | | 150. | 3 | | 6 | 3 | 2 | 30 | Custom | | Cabin Branch | 18 | 1 | Overshot | 3 | 14 | 12 |
| Hepburn & Bros. | \$800.00 | 1 | 1 | | | 12 | 12 | 100 | | 151 | 12 | | 6 | 3 | 1 | 30 | All custom | | Cabin Branch | 12 | 1 | Overshot | 4 | 14 | 12 |
| Miss James R. | \$1500 | 1 | 1 | | | 12 | 12 | 100 | | 220. | 19 | | | 3 | 2 | 40 | All custom | | Cattail | 16 | 1 | Overshot | 4 | 12 | 14 |
| Redwood George | 3000.00 | 1 | 1 | | | 12 | 12 | 100 | | 200. | 16 | 2 | 4 | 2 | 2 | 50 | All custom | | Cattail | 12 | 1 | Overshot | 10 | 12 | 14 |
| Miss William J. | 2500.00 | 2 | 1 | | | 12 | 12 | 100 | | 200. | 16 | | 4 | 2 | 2 | 35 | All custom | | Middle River | 15 | 1 | Overshot | 4 | 12 | 6 |
| Josiah Edmund | 3000.00 | 1 | 1 | | | 12 | 8 | 100 | | 125. | 4 | | 2 | 6 | 10 | 30 | All custom | | Cattail | 15 | 1 | Overshot | 4 | 10 | 12 |
| Mills George W. | 3000.00 | 2 | 1 | | | 12 | 8 | 100 | | 220. | 6 | | 2 | 2 | 2 | 35 | All custom | | Cattail | 12 | 1 | Overshot | 4 | 15 | 15 |
| FLOURING AND GRIST-MILLS Continued. | | | | | | | | | | | | | | | | | | | | | | | | | |

FLOURING AND GRIST-MILLS—Continued

| POWER USED IN MANUFACTURE. —Continued. | | | MATERIALS. | | | | PRODUCTS. | | | | | | | | | | |
|--|--------------------|--------------|-----------------------------|-------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------|---------------------------------------|----------------------------------|--------------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|
| IF STEAM-POWER IS USED. | | | Number of bushels of wheat. | Value. | Number of bushels of other grain. | Value. | Value of mill supplies. | Total value of all materials. | Number of barrels of wheat flour. | Number of barrels of rye flour. | Number of pounds of buck-wheat flour. | Number of pounds of barley meal. | Number of pounds of corn meal. | Number of pounds of feed. | Number of pounds of hominy. | Value of all other products. | Total value of all products. |
| Number of boilers. | Number of engines. | Horse power. | | | | | | | | | | | | | | | |
| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| 1 | | | 500 822 | 500 842.00 | 35 00 | 91 750.00 | 25 400.00 | 2275 1140.00 | 100 | | 25000 | | 92000 | 20000 | | | 2675 |
| 2 | | | | | 500 770.00 | 1500 1150.00 | 2088 00 | 1520 1345.00 | | | 15000 | | 90000 | 24000 | | | 1950 |
| 3 | | | 2500 600 | 2500 1750.00 | 2000 1400 | 1200 1900.00 | 25 500.00 | 3720 1700.00 | 500 | | 10000 | | 60000 | 60000 | 1500 | | 4500 |
| 4 | | | 1500 | 1500 4250.00 | 3000 | 1000.00 | 15000 | 3000 11675.00 | 300 | | | | 92000 | 40000 | 1000 | | 3650. |
| 5 | | | 2500 1500 | 2500 1400.00 | 2500 1000 | 1200 000 | 4000 | 3740 3500.00 | 500 | | 10000 | | 125000 | 30000 | | | 4500 |
| 6 | | | | | 8000 | 1200 1750.00 | 10 3000.00 | 1200 1750.00 | | | | | 162000 | 6000 | | | 1800 |
| | | | 3000 | 3000 8700.00 | 2000 1000 | 102000 | 5000 | 100000.00 | 650 | | 1500 | | 161500 | 50000 | | | 5300 |
| CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES. | | | | | | | | | | | | | | | | | |

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES

[illegible]

CHEESE FACTORIES; BUTTER FACTORIES; COMBINED BUTTER AND SKIM-CHEESE FACTORIES; CONDENSED MILK FACTORIES—Continued.

[illegible]

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